

DERWENT-ACC-NO: 1970-12332R

DERWENT-WEEK: 197008

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TITLE: Method for dyeing conjugate  
polyester filaments

PATENT-ASSIGNEE: TOYO RAYON CO LTD [TORA]

PRIORITY-DATA: 1967JP-0004569 (January 25, 1967)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
JP 70004434 B	000	N/A

ABSTRACTED-PUB-NO: JP 70004434B

BASIC-ABSTRACT:

The method comprises dyeing a core-sheath type polyester filament with a chelating dye, wherein the filament core is capable of forming chelating links with the dye and comprises (a) a polyester component containing at least 70% of polyethylene terephthalate and (b) at least one metal compound represented by the formula: (wherein R is alkyl or cycloalkyl; R1 and R2 are alkyl, aryl, alkyl aryl or cycloalkyl; M is Co, Ni or Zn), and wherein the filament sheath is not capable of forming chelating links with the dye and contains at least 70% of polyethylene terephthalate.

TITLE-TERMS: METHOD DYE CONJUGATE POLYESTER FILAMENT

DERWENT-CLASS: A23 E11 F06

CPI-CODES: A05-E04B; A08-M01A; A11-A01A; A12-S05B;  
E05-G08; E05-G09; E05-L02;  
E05-L03; E10-B02B; F01-E01; F03-F07;

PET - Sheath/ core

Sheath- non-dyeable  
core - dyeable

N/A

**CHEMICAL-CODES:**

Chemical Indexing M3 \*01\*

Fragmentation Code

M124 M148 M282 M210 M213 M214 M215 M216 M220 M221  
M222 M225 M231 M232 M233 M240 M270 M281 M313 M314  
M315 M334 M333 M321 M320 M280 M344 M380 M391 A428  
A430 A960 C710 B720 B815 B819 B831 A400 A427 B415  
B515 B701 B713 G040 M532 M531 G050 G599 H161 H181  
J171 M620 M331 M630 N100 Q140 Q313 M510 Q321 Q322  
M520 M530 M540 M541 M542 M740 M750 M781 R004 M411  
M901

**POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:**

Multipunch Codes: 01- 038 143 144 155 156 163 166 169 170  
171 228 231 250 303  
33& 364 366 481 483 597 600 601 720 721